

19970610.qrp qrp-por0.752

>From owner-qrp-l@Lehigh.EDU Mon Jun 9 18:03 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
> by uro.theporch.com (8.8.6.Beta5/A-UX-3.0.1) with ESMTTP id SAA17344
> for <shimshon@uro.theporch.com>; Mon, 9 Jun 1997 18:03:56 -0500 (CDT)
>Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])
> by sco.theporch.com (8.8.6.Beta5/SCO-5.0.2) with ESMTTP id XAA23226
> for <shimshon@theporch.com>; Mon, 9 Jun 1997 23:03:49 GMT
>Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
<35109-69758>; Mon, 9 Jun 1997 19:03:13 -0400
>Date: Mon, 9 Jun 1997 19:03:10 EDT
>Sender: owner-qrp-l@Lehigh.EDU
>Precedence: bulk
>From: qrp-l@Lehigh.EDU
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: QRP-L digest 752
>Mime-Version: 1.0
>Content-Type: text/plain; charset=us-ascii
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>Message-Id: <97Jun9.190313edt.35109-69758+220@fidoii.cc.Lehigh.EDU>
>Status: 0

QRP-L Digest 752

Topics covered in this issue include:

- 1) [21060] WTB: 208-A filter for 515
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 2) [21061] Re: 38-Special called for.
by "j.w. thornton" <dub@oklahoma.net>
- 3) [21062] Re: 38-Special called for.
by Raventhorne <jelder@ix.netcom.com>
- 4) [21063] Dead HW-8, need help
by Karl Heimbach <heimbach@concentric.net>
- 5) [21064] [21027] Re: Book - Build Your Own Intelligent Amateur Radio

Transceiver

- by Dave Edson <edson@lisco.com>
- 6) [21065] FS:Weller Portable Desoldering Station
by Lee <jcs4us@cosmoaccess.net>
- 7) [21066] Milliwatt Field Day
by camqrp@cyberg8t.com (Cam Hartford)
- 8) [21067] 38s audio
by MSU1972@aol.com
- 9) [21068] Digital Readout & Argosy 525
by SNickrand@aol.com
- 10) [21069] WTB: *OLD* Computers
by "Brian K. Short" <KE7GH@primenet.com>
- 11) [21070] HW-7,8,and 9 costs?

- by "Thomas J. Whalen" <whalen@swcp.com>
- 12) [21071] QRP contesting article
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
- 13) [21072] 50-40-30, TUES. 6/10/97, (LOCAL)
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 14) [21073] FS or FT: TenTec ARGO 556, Outbacker, Jr.
by mdwatt@usit.net (Marty Watt)
- 15) [21074] 6.8 uH Inductor in 38S?
by Dave Fifield <fifield@pacbell.net>
- 16) [21075] Anodizing Aluminum Web page
by J0ppen6115@aol.com
- 17) [21076] power supply for 38s
by MSU1972@aol.com
- 18) [21077] QRP Contest Rules are Messed Up - Food for Thought
by Jim Dolson <dolsonj@ix.netcom.com>
- 19) [21078] Anodizing Aluminum
by sarraf@thermacore.com
- 20) [21079] Re: New SST pic
by Chris Cartwright <ccart@dns.vidtel.com>
- 21) [21080] Re: QRP Contest Rules
by "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
- 22) [21081] unsubscribing et keeping qrp-l no.
by penc@elan.mrwo.mcgill.ca
- 23) [21082] SST #1
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 24) [21083] FD 97 QRP Clubs - new
by Brad Mugleston <bmug@gwl.com>
- 25) [21084] WANTED HW POWER SUPPLY
by Rogerio Gonzaga <gonzaga@med.up.pt>
- 26) [21085] Tick-2
by "Jeff M. Gold" <JMG@tntech.edu>
- 27) [21086] Re: 38s audio
by Daniel Puckett <dpuckett@erinet.com>
- 28) [21087] anodizing vs powder coating
by NO OTHER THAN <mitch96@idt.net>
- 29) [21088] RE: TT 509 IF Filter
by Larry East <w1hue@amsat.org>
- 30) [21089] unsubscribing, thanks
by penc@elan.mrwo.mcgill.ca
- 31) [21090] Re[2]:Anodizing Aluminum
by ptaber@microtest.com
- 32) [21091] Re: anodizing vs powder coating
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 33) [21092] Re[2]: anodizing vs powder coating
by ptaber@microtest.com
- 34) [21093] lottery
by k8cv@juno.com (Walt D Amos)
- 35) [21094] Re: [21027] Re: Book - Build Your Own Intelligent Amateur Radio

Transceiver

- by adams@chuck.dallas.sgi.com (Chuck Adams)
- 36) [21095] Re: Milli watt Field Day
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 37) [21096] Vanity Callsign Application
by "Marshall Emm" <mgemm@mtechnologies.com>
- 38) [21097] Intelligent XCVR
by "J. Skalski" <jskalski@acsu.buffalo.edu>
- 39) [21098] Re: lottery
by mdwatt@usit.net (Marty Watt)
- 40) [21099] renewal
by Richard Wilkerson <richqrp@cts.com>
- 41) [21100] lye and aluminum
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
- 42) [21101] Download from archive
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 43) [21102] Re: HW-7,8,and 9 costs?
by gsurrency@juno.com (Gary L Surrency)
- 44) [21103] WTB: DSP boards for ham projects?
by "Heron, George" <G.Heron@dialogic.com>
- 45) [21104] Re: lottery
by DYARNES@aol.com
- 46) [21105] Re: lottery
by mdwatt@usit.net (Marty Watt)
- 47) [21106] Phoenix Crystals anyone?
by "Bowes, Fr. Bruce" <GBB1@MARISTB.MARIST.EDU>
- 48) [21107] Ignition noise
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 49) [21108] HW-8 problems
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 50) [21109] Iambic modes A and B
by Dave Marling <dbm@klis.com>
- 51) [21110] QEX
by sarraf@thermacore.com
- 52) [21111] QRP-L number?
by Greg Emerson <gregemmy@lni.net>
- 53) [21112] RE: HW-8 problems
by n4js@amsat.org
- 54) [21113] 38Special Mods
by "J.B. Fox" <w5hir@mail.phoenix.net>
- 55) [21114] QRP-L Numbers
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 56) [21115] Re: QRP Contest Rules are Messed Up - Food for Thought
by Bob Hightower <ki7mn@dancris.com>
- 57) [21116] Re: FD 97 QRP Clubs - new
by Bob Hightower <ki7mn@dancris.com>
- 58) [21117] Field Day Prep.
by Ed Loranger <we6w@qsl.net>

- 59) [21118] RE QRP SSB Contest Difficulty
by "Bob Follett" <bfollett@ditell.com>
- 60) [21119] 38S For Sale
by "Mark E. Monninger" <markem@primenet.com>
- 61) [21120] SUMMARY 24 hr Clock Survey (Longer than Planned)
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 62) [21121] Patented Vertical Antenna
by Ed Loranger <we6w@qsl.net>
- 63) [21122] Re: Patented Vertical Antenna
by Ed Loranger <we6w@qsl.net>
- 64) [21123] SLV and stuff
by N4JS <jsielke@pobox.com>

Date: 08 Jun 97 19:04:35 EDT
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "W.D. (Doc) Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [21060] WTB: 208-A filter for 515
Message-ID: <970608230434_70511.3041_IHD35-2@CompuServe.COM>

Gang:

Want to Buy a 208-A Notch/CW Filter for the Argo 515 transceiver. Will
pay top dollar.

Also looking for other accessories for the 515. If you have extras, or
if you have a 515 for sale, please let me know.

Many thanks!

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 mn-qrp 19 nj-qrp 69 ak/qrp 139
ARCI 9398 ARRL WAS 49/38 DXCC 43/38 <><

Sierra Argosy 525 Argo 515 QRP++ QRP+ HW-9 Explorer II-30
Norcal 40a SW-30 49er 38S Schurr Paddles TNT/2 Windom SLV/W6MMA

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Sun, 08 Jun 1997 18:08:12 -0500

From: "j.w. thornton" <dub@oklahoma.net>
To: qrp-1@Lehigh.EDU
Subject: [21061] Re: 38-Special called for.
Message-ID: <3.0.32.19970608180810.00cca7ec@okc.oklahoma.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I got 8 replies on the kit by Saturday nite. My wife picked a name out
>of the hat.

I cant help but believe that the vast majority of us have sat by while a
vocal few have gotten this lottery thing started. I just came back from
Hamcom in Dallas, and did not see a single vendor tell somebody he would
have to wait for a lottery to be held in order to buy an item. Whatever
happened to the "good ole American way" of first come, first served, the
early bird gets the worm, etc. If I am unwilling, or unable to be the
early bird, then I expect things to be somewhat picked over, regardless of
what kind of shopping one is doing, or where it is being done.

No biggee, but my opinion on a controversial subject.

Dub WA5YFY
J. W. (Dub) Thornton
QRP-1 # 159
ARCI #6982
NW QRP # 427
Minco, Okla. 73059

Date: Sun, 8 Jun 1997 18:27:26 -0500 (CDT)
From: Raventhorne <jelder@ix.netcom.com>
To: dub@oklahoma.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [21062] Re: 38-Special called for.
Message-ID: <2.2.16.19970608141343.4cb72fd8@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:08 PM 6/8/1997 -0500, j.w. thornton wrote:

>>I got 8 replies on the kit by Saturday nite. My wife picked a name out
>>of the hat.

>

>I cant help but believe that the vast majority of us have sat by while a
>vocal few have gotten this lottery thing started. I just came back from
>Hamcom in Dallas, and did not see a single vendor tell somebody he would
>have to wait for a lottery to be held in order to buy an item. Whatever
>happened to the "good ole American way" of first come, first served, the

>early bird gets the worm, etc.

Seems like either way it's a lottery. Who gets the message first vs. who gets their name drawn out of a hat.

72,

John

@~~~

@ John Elder, Ko6TS

@ PHROG (Pagan Ham Radio Operators' Guild)

@ Box 232, El Segundo, CA 90245

@ So many fools, so few comets . . .

Date: Sun, 08 Jun 1997 18:53:15 -0500
From: Karl Heimbach <heimbach@concentric.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [21063] Dead HW-8, need help
Message-ID: <339B45EB.663C@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello QRPer's,

I've made some progress with the repair of my HW-8, but still have not been able to get the balanced mixer going. I've done the following and am at a loss as to what to investigate next:

- 1) Replaced Q2, a MPF105 with a MPF102. My frequency counter indicates a VFO output from 8.645 to 8.925 mhz which I can read all the way through the base of Q3.
- 2) Replaced Q3 with a 2N2222. I get proper voltages on emitter, base, and collector and see the VFO injection frequency at the base. However, I do not get anything out at the emitter. This is bad news since it feeds the VFO frequency to the balanced mixer via L11.
- 3) Replaced all four balanced mixer diodes with an HP equivalent. I can see the proper crystal frequency for each band at the base and the emitter of Q7, the heterodyne oscillator and also at L12.

4) I don't believe any mixing is taking place without the VFO injection frequency and this is evidenced by being unable to see anything at emitter of Q5.

I'm puzzled. Any HW-8 gurus out there?

Thanks,

Karl - W5QJ

Date: Sun, 08 Jun 1997 19:31:19 -0500
From: Dave Edson <edson@lisco.com>
To: qrp-1@Lehigh.EDU
Subject: [21064] [21027] Re: Book - Build Your Own Intelligent Amateur Radio Transceiver
Message-ID: <339B4EC9.6AD3@lisco.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Re: Build Your Own... Transceiver
There seems to be a lot of interest and good comments on this book, so I went looking to see where I could get it mail order, AND at a discount. Found that Barnes & Nobel have it at \$23.96. I haven't ordered it yet, so I don't know the shipping & handling costs.
Their web address:
<http://www.barnesandnoble.com/index.asp>
You can also call them using: 800-668-7053.

I have no connection with B&N, thought the info of value to all.

73,
Dave aa0pf

Date: Mon, 09 Jun 1997 05:40:46 -0700
From: Lee <jcs4us@cosmoaccess.net>
To: qrp-1@Lehigh.EDU
Subject: [21065] FS:Weller Portable Desoldering Station
Message-ID: <1.5.4.32.19970609124046.00732764@cosmoaccess.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Fellow QRPers....

I have for sale or Trade for QRP Gear... A Weller DS600 portable desoldering station in prime condition... It was over \$1000.00 new... You can verify this on the net at:

<http://www.marshall.com/dynamic/search>

I am asking \$400.00 or trade for QRP Gear.... Thought I would give you kit builders a shot at this one.... 73, Lee
jcs4us@cosmoaccess.net

----- So far 38-Special Ten Tec 509 Thats it....
-

Date: Sun, 8 Jun 1997 18:01:03 -0700 (PDT)
From: camqrp@cyberg8t.com (Cam Hartford)
To: qrp-l@Lehigh.EDU
Subject: [21066] Milliwatt Field Day
Message-ID: <199706090101.SAA02089@key.cyberg8t.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Announcing -- The 1997 Milliwatt Field Day

Getting ready for Field Day? Got your Batteries charged? Tent aired out? Bug spray packed, food organized, coax neatly coiled and Murphy repellant in hand?

It's time for Field Day once again, and for QRPers that means it's also time for the Milliwatt Field Day competition. We sponsor this contest as a piggy-back on the traditional ARRL FD contest, err, emergency preparedness operating exercise.

It's very easy to enter. Just send a photocopy of your club's (or your personal) ARRL FD entry to me, and I'll include it in our own FD operating event. Add some items of interest about your setup, equipment and antennas to make it a true QRP entry. We score it the same way ARRL does, except we don't count all the ARRL bonus points, and we add a bonus multiplier if your setup was fully portable. That's it.

I normally would have put this announcement in the April ARCI Quarterly, but we ran into some space constraints. So here it is. Pass the word onto anyone one you know who is interested in a QRP field day but isn't on the internet.

GL and Hope to work you in FD -

Cam Hartford N6GA
QRP ARCI Contest Manager

and card-carrying member of the Zuni Loop Mountain Expeditionary Force. Any clubs out there up to the challenge?

MILLIWTT FIELD DAY

Date/Time: June 28, 1997, 1800 UTC to 2100 UTC June 29.

Exchange: Class/ ARRL Section, per ARRL Field Day rules

Points: Same as ARRL rules, ie: Phone contacts count one point each, CW contacts count 2 points.

Bonus Multiplier: X 1.5 for fully portable setup.

Scoring: Multiply total of contacts by ARRL power multiplier, which would be X5 for an output power of 5 watts or less. Multiply this score by Bonus multiplier, if applicable.

Entry classes: One watt, one operator.
 One watt, two operators, one transmitter
 Five watts, one operator.
 Five watts, two operators, one transmitter.
 Club class.

Entry consists of a duplicate of the ARRL Field Day entry, consisting of Summary sheet and alpha-numeric listing of contacts by band (dupe sheet). All ARRL Field Day rules to be followed. All entries must contain complete name, call, address and must be postmarked no later than 30 days after the contest. Include descriptions of antennas and equipment used. Include an SASE for contest results. Entries may be submitted via e-mail to camqrp@cyberg8t.com or by mail to Cam Hartford, N6GA, 1959 Bridgeport Ave., Claremont CA 91711.

Date: Sun, 8 Jun 1997 21:12:20 -0400 (EDT)
From: MSU1972@aol.com
To: qrp-l@Lehigh.EDU
Subject: [21067] 38s audio

Message-ID: <970608211214_521852961@emout08.mail.aol.com>

Just a comment on 38s audio...I never did get two peaks even after reducing from 20 to 17 windings...BUT-this rig works great! I did the 5 watt mod...I also did jumper R24 for greater audio and now using a Radio Shack mono earphones I have to turn it down because it is far too loud most of the time...

David, kb8occ (try jumpering R24-it worked great in my rig)

Date: Sun, 8 Jun 1997 22:22:57 -0400 (EDT)
From: SNickrand@aol.com
To: qrp-1@Lehigh.EDU
Subject: [21068] Digital Readout & Argosy 525
Message-ID: <970608222135_742505755@emout18.mail.aol.com>

Has anyone added a digital readout to Argosy 525, if so, is it very complex. Also, does anyone know if the new Blue Sky Eng Freq counter lends itself to this radio.\

Bill Nickrand, KB9KOL

Date: Mon, 09 Jun 1997 03:32:51 +0100
From: "Brian K. Short" <KE7GH@primenet.com>
To: QRP-1@Lehigh.EDU
Subject: [21069] WTB: *OLD* Computers
Message-ID: <3.0.1.32.19970609033251.006cc7b0@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

WTB: *OLD* Computers
I'm looking for *OLD* computers for my RTTY collection:
Osborne, IMSAI, CP/M (various), Heath, Commodore, S-100,
Ohio Scientific, 6502, 6800, 8080, Z80, etc...
Brian K7ON <k7on@qsl.net>
Tempe, Az USA - Sunday, June 08, 1997 at 22:30:15 (CDT)

Date: Sun, 8 Jun 1997 21:39:11 -0600 (MDT)

From: "Thomas J. Whalen" <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21070] HW-7,8,and 9 costs?
Message-ID: <Pine.SUN.3.91.970608213654.433A-100000@kitsune.swcp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

How much did each of the above Heath rigs cost new? 72, Tom WB5QYT

Date: Mon, 09 Jun 1997 04:00:23 -0400
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-1@Lehigh.EDU
Subject: [21071] QRP contesting article
Message-ID: <3.0.16.19970609040016.2247a08a@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I don't know if anyone has mentioned it, so excuse me if I'm repeating somebody.

There is an article in the May/June National Contest Journal by K3WWP about "Pure QRP" contesting. Nice reading.

...Rich

Rich Dailey - KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH Web - <www.qsl.net/ka8okh>
Norcal, qrp-1, ars, amsat #11900... ZUT!

Date: Mon, 9 Jun 1997 04:12:16 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [21072] 50-40-30, TUES. 6/10/97, (LOCAL)
Message-ID: <19970609041214.AAA1917@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

YOURS TRULY WILL BE BE THERE, 6/11/97 UTC TIME:

10.116 (+/- QRM)

0000 - 0200 Z (+/- KIDNEY BREAKS)

7.040 (" ") 0200 - 0400 Z (" " ")

I'll switch to various ants during the tour, so don't give up if at first you don't succeed. (1400' loop, Half Square, Horiz. Colinear)
MAY THE PROP BE WITH US! 72, =S=

"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA

Date: Mon, 09 Jun 1997 05:20:05 GMT
From: mdwatt@usit.net (Marty Watt)
To: qrp-l@Lehigh.EDU
Subject: [21073] FS or FT: TenTec ARGO 556, Outbacker, Jr.
Message-ID: <339c926d.124334783@smtp.usit.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

I have a TenTec Argo 556 HF tranceiver, *all* band modules (160-10m), noise blanker installed, TenTec hand mic included. Like new condition.

Also have Outbacker, Jr., 4 ft. HF mobile antenna (80-10m).

Would like \$625 for the Argo, as equipped, and \$125 for the Outbacker.

Purchase both and I'll pay shipping USPS Priority, US only.

Will trade for compact HF rig with general coverage (at least 500kHz to 30MHz, prefer 100kHz to 30MHz+) receiver, MARS/CAP modifiable, QRO adjustable to QRP, good QSK -- Alinco DX-70, Kenwood TS-50s, or Icom IC-706, or similar. Condition important, but not critical. I can tolerate a few scratches and cosmetic damage. Filters for CW (250 or 500 Hz or similar) are appreciated ...

Reason for sale/trade: Need QRO for MARS operations, still need compact size, but need QRP levels for Ham Band use. Need one tranceiver, compact in size, that will do both!

e-mail if interested: mdwatt@usit.net

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~

-----  
Date: Mon, 09 Jun 1997 08:25:30 -0700  
From: Dave Fifield <fifield@pacbell.net>  
To: QRP List <qrp-l@Lehigh.EDU>  
Subject: [21074] 6.8 uH Inductor in 38S?  
Message-ID: <339C206A.2C7C@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I know this may seem silly, but I need to know the Mouser part number of the 6.8uH inductor that you all use for the 38S's VX0. I have only used parts from a local store, so do not know what the "correct" part number is! Thanks in advance.

72, Dave AD6AY

-----  
Date: Mon, 9 Jun 1997 05:28:36 -0400 (EDT)  
From: JOppen6115@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [21075] Anodizing Aluminum Web page  
Message-ID: <970609052834\_1924136879@emout11.mail.aol.com>

For those interested in learning more about anodizing aluminum, you may be interested in the following WWW page:

<http://atlas.unm.edu/smith/metal5.faq.html>

The anodizing part is toward the end of the document.

All previous warnings etc. still apply. This process may be dangerous, if appropriate care is not taken.

72/73,  
John, KJ6HZ

-----  
Date: Mon, 9 Jun 1997 07:15:09 -0400 (EDT)  
From: MSU1972@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [21076] power supply for 38s  
Message-ID: <970609071508\_388373972@emout15.mail.aol.com>

I am taking my 38s to Fla for a week and need help with power supplies...  
I now use a Daiwa with adjustable DC voltage...of course, too heavy for a  
suit case.  
I have an unused Toshiba PS for a previously owned computer...will it work?  
is it regulated? What if I use an unregulated supply?  
I'm really not familiar with properties of power supplies.  
The Toshiba supply is fairly large for the old notebook. It's about 8" x 3"  
x 3" and produces 12 volts at 2.5 amps.  
Any suggestions, David, KB8OCC

-----  
Date: Mon, 09 Jun 1997 08:43:55 -0400  
From: Jim Dolson <dolsonj@ix.netcom.com>  
To: qrp-1@Lehigh.EDU  
Subject: [21077] QRP Contest Rules are Messed Up - Food for Thought  
Message-ID: <339BFA8B.6691@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

A recent posting for the Milliwatt Field Day contest had the following  
text about how to score contacts. I'm not picking on them, since every  
contest I've seen has the same problem with the scoring:

>Points: Same as ARRL rules, ie: Phone contacts count one point each, CW  
>contacts count 2 points.

(1) Everyone on the list seems to agree that QRP CW contacts are much  
easier to make than QRP SSB contacts. Why then do you get twice as many

points for them?

(2) Hardly anyone is on QRP SSB. Virtually all QRP activity is on CW. You give more points to an activity to encourage that activity (satellite, message traffic, battery power, not setting up antennas before the contest, etc).

Come on guys, we don't have to encourage *any* QRP'ers to do CW. Let's encourage the use of an under-used mode by changing the point structure. At the very least, don't *punish* the guy that wants to do SSB by giving him fewer points. It may make sense in a 'normal' QRO contest to encourage CW, but is it really necessary in a QRP contest???

Finally, some people just don't like CW. Maybe if the amateur community knew that QRP does not necessarily equate to CW, we might get a few more QRP'ers.

Jim  
WB8ZBD  
dolsonj@ix.netcom.com

-----  
Date: Mon, 9 Jun 1997 09:01:50 -0400  
From: sarraf@thermacore.com  
To: qrp-l@listserv.lehigh.edu  
Cc: gsurrency@juno.com, Ed\_Tanton\_n4xy@bellsouth.net, NilsBull@aol.com  
Subject: [21078] Anodizing Aluminum  
Message-ID: <852564B1.0044E585.00@tci-nt01.thermacore.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

I strongly agree with your comments regarding anodizing at home, especially when you contrast the high risk and uncertain results against the low cost of commercial anodizing. Where I work we are set up to do all sorts of electrochemical processes such as plating, electropolishing, and anodizing, yet we still find it simpler and safer to send most work out. We once electropolished some molybdenum washers in a solution of sulfuric acid and methyl alcohol. The stuff caught fire from an accidental spark and made a real mess. Done at home, this could have cost me my house, especially if the insurance company or the mortgage company found out that I was "playing" with "hazardous materials". Be careful and be cautious!

I once worked in a cannery. The peach machine there removed the skins by spraying the halved and pitted peaches with lye as they went along on a

conveyor belt. The lye was tough stuff - it would shrink your leather work boots like a styrofoam cup in a fire if you let some drip on your toes by accident. The peaches were rinsed in clean water several times after their lye bath. You tested to see if the peaches were rinsed enough by tasting them as you packed them in cans at the end of the belt. If they tasted a little tangy or soapy you simply turned up the rinse water and let the heavy sugar syrup they were packed in take care of the rest.

Gary, your explanation of anodizing was great! You may want to add the enamel used to coat stoves and some older sinks to your list of things which Drano can attack or dissolve.

Dave Sarraf  
N3NDJ  
Elizabethtown, PA

-----  
Date: Mon, 9 Jun 1997 08:57:11 -0400 (EDT)  
From: Chris Cartwright <ccart@dns.vidtel.com>  
To: QRP Reflector <qrp-l@Lehigh.EDU>  
Subject: [21079] Re: New SST pic  
Message-ID: <Pine.LNX.3.93.970609085457.524B-1000000@dns.vidtel.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 7 Jun 1997, Raventhorne wrote:

> >And since this a "Paint ur own case" rig, anyone know where I can get some  
> >of that HeathKit greenish color for my new WayneKit?

> Would that be <gasp> Wayne Green?

EEEEK! I hadn't thought of that, so let me rephrase and say that I'm looking for that AQUA color Heath used to use :)

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --  
-- N3XRV QRP WAS 15/9 (w/c) | ccart@erols.com --  
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --  
-- WIMPS Q's=02 30M=02 17M=00 12M=00 STATES=02/00/00 DX=00/00/00 QSL's=00 --

-----



Date: Mon, 9 Jun 1997 09:20:04 -0400 (EDT)  
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [21080] Re: QRP Contest Rules  
Message-ID: <Pine.A32.3.93.970609090331.19807A-100000@weyl.math.Virginia.EDU>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jim is right. It's no easier making QRP SSB contacts in contests than it is making QRP CW contacts (though during FD, there is no difficulty making either if you use decent antennas). Yet I think the threat to our CW subbands is great enough that those of us who operate QRP SSB should think twice about removing any existing incentive to CW operation. I operate both modes, and I don't want to lose either one.

72, Ralph N7RI  
Charlottesville VA

-----  
Date: Mon, 9 Jun 1997 09:26:31 -0400 (EDT)  
From: penc@elan.mrwo.mcgill.ca  
To: qrp-l@Lehigh.EDU  
Subject: [21081] unsubscribing et keeping qrp-l no.  
Message-ID: <Pine.3.89.9706090906.A21100-0100000@elan.mrwo.mcgill.ca>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi:

Unfortunately have to take a temporary absence from the list. We're moving from Canada back to the US. Anyways, cud some1 pse email me the instructions for signing off. Is it possible to retain the qrp-l number (think mine is 399) to take to a new location? Should be signing on there in about 23 months.

Will be heading to Nebraska and bringing my gear (after being rig-less for the past two years).

P0se email directly. Thanks es 72,

Rich Penc WK2A

-----  
Date: Mon, 9 Jun 1997 14:29:01 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-1@Lehigh.EDU  
Subject: [21082] SST #1  
Message-ID: <199706091329.0AA00511@chuck.dallas.sgi.com>

Gang,

Doug Hendricks posted to the group re HamCom and his talk here, so here are some of the gory details and I'll let Doug fill in the details when he and JoAnne (Doug, I apologize to you and JoAnne if I have her name spelled wrongly) get back from their trip to KS.

Doug sent me email saying that he had good news and he had bad news. Good news --- he was bringing SST #1 from the production of kits and I was going to get to build it. Bad news --- the rig was his and he gets to keep it. :- ) followed by :- (

I told Phyllis about it and said that I was about to not get any sleep when Doug got here and I was pretty close to right.

I pick up Doug and JoAnne at the airport. They flew from San Jose to Dallas through Phoenix on American West Airlines. So I take them over to the hotel that was fairly close to the DFW Airport and the Arlington Convention Center where HamCom is being held. Get them checked in and then we run over to a restaurant nearby by for a late dinner. Hey, they arrive at 9:30 pm and we are now getting late in the evening.

After dinner Doug and I head for the house which is on the other side of Dallas from the hotel. We get setup and here is the scenario. We have a complete kit (many thanks to Wilderness Radio and Bob Dyer for doing this) but the manual was not back from the printers or whatever, so all we have is a bag of parts and a hand written parts list that Doug did from the only copy of a list that Bob had. :- ) Now, there was a schematic in the Dec issue of QRPP from NorCal, but that is on the other side of the house, for the time being. So Doug calls out the part number, say R1, and hands me the X-ohm resistor and I install it using only the silk screen parts numbers. It takes us a little of 1.5 hours or so to do this. Time may vary..... etc. Can't do a review of the manual as I have not seen it. But you don't need the manual if you have the parts list as witnessed by the building that took place for this rig.

Parts are good quality and the board is excellent. More detailed review to follow when I get my 30M version. Only problems encountered and they

are minor, but be warned. Board has two R12 labels. One should be R1. You won't get this mixed up as one is 1/8W resistor and the other is a board mounted variable for the RF gain. No biggie. The other is the PC board mounted slide power switch has the three switch connections and two legs that need to be soldered to the board. The two legs are slightly closer together than the holes on the board, so you have to file/scrape the inside area of the legs to get a neat fit, but experienced builder and careful builder will lose just a little time in doing this.

There are two trimmer caps to peak receiver input and to tune a LC bandpass on the transmitter side for the only two adjustments for tuning up the receiver and the transmitter. I found that the leg separation on the parts and the board are slightly off and the caps did not sit flat on the board and the pins did not protrude all the way out the bottom of the board, but they did solder nicely anyway.

After getting the board assembled and using the toothbrush to remove the water soluable flux we are now ready for the smoke test. So get the gel-cel and measure about 12.33V or so and attach the power cable we are ready to fire the puppy up (it is smaller than the NC40a) and see how it plays. Power on (the power switch is in the down position gang) and we hear a hiss in the headphones. Good sign and I don't hear any frying or smell any thing burning (that comes later). Get the Tek 191 RF generator and sweep the 20M band (did I tell you this SST was for 20M?) and hear a signal. Proceed to peak (at this point I did have to treak down the hallway to the bookcase and get the QRPP issue with the schematic) the receiver input. Seems to be sensitive enough.

Now get OHR WM-1 and dummy load and peak output of transmitter. Getting about 1W out. Now at this point in writing this, let me predict. We are going to see tons of mods for this rig or add-ons 'cuz there are not many serious milliWatters in this group. :-) Output test at this time is at a battery voltage of 12.3V or so and I did not have rig in my possession long enough to do the detailed K5F0 experiments, so later we'll see and remember this is at 20M where things get a little more difficult at the RF level.

With Heath freq meter we get a range of 14.045 to 14.059MHz, so not bad for VXO again on 20M.

During this building and testing I had turned on the Philips PM-3266 scope to look at waveforms and use for peaking. At about the time we powered up the SST and were peaking stuff and at the time I started RF output I heard a 'pop' and then the smell of something burning. I probably lost a heartbeat there somewhere for fear that I had personally fried something with the screwdriver that I was using to key the rig (hey, you didn't expect me to go one more time across the

house to get a keyer, paddles, and cables and come back and lose all that time, did you? I knew you didn't.). Well, it is another prime example of what I call the 'visitor effect', known to this group as Murphey's Law. The scope power supply decided to show off for Doug and went belly up. Not to worry, got a Tec 475 at the HamCom fleamarket and we'll let you know later in the week or early next week on both the condition of the insides of the Philips and the Tek 475.

Doug carried the SST around and used it for show-and-tell all over the place in Arlington and Dallas. :-) Sunday afternoon after the meet he and I hooked it up to a real antenna and heard VE5, EA1, EA2, and all up and down the east coast and central US. I picked a clear freq and called CQ on and off for 30 minutes or so, but noone worked. Band may have not been in good shape for QRPP as I was doing 900mW at the time as measured on the WM-1.

Because of the time constraints, I don't have a relative comparison on RCVR sensitivity to other rigs, so I'll leave the 20M version for someone else to do. I'll do the 30M and we will see postings on others experiences. That is partly what this group is all about. Selectivity seems to be excellent from first impressions.

Doug wasn't about to leave the rig here in TX (you know how the CA vs. TX thing goes) for any period of time, so at the time of this posting Doug and JoAnne are on a flight to KS and the SST rig is on its way to a worldwide adventure over the next year.

Thanks to Doug for giving me a chance to see first hand what we can expect to see from Wilderness Radio shortly. It was fun kit to build and the early buy of \$69 looks like a good deal and our thanks to Wayne Burdick for the design and Wilderness Radio for the production of the kit.

I personally flew Doug out here from San Jose CA for his talk and the visit. It was money well spent.

Oh, forgot. I got Doug back to his hotel at 3am. I went to the office from there to copy some slides for my talk after his. Paul Harden, NA5N, was also coming to Dallas, but due to last minute work scheduling he was unable to attend, so I gave a short talk after Doug's excellent talk. Another posting on that later. I have to get to work and push back the frontiers of ignorance. So, I got outta the office just after 4am and back to the house and about 3 hours sleep and then off to the races again. But it was well worth the effort.

So, that's the news from Lake Dallas. Let's not start seeing 'where is my SST?' postings just yet. We'll probably see a posting from Wayne and/or Bob as to when the real process begins. This kit was a special

deal in order that the group in TX would be first group outside of the state of CA to see one up close and personal. Friends and friendly competition does have its advantages. Also, Doug was nice enough to arrange his schedule to come to TX on the way to KS. He can be talked into going some place to talk QRP if you or your group can finance his trip and expenses. You don't want him to go broke doing this. Nor do we want to burn him out or wear him out traveling. I have been there done that on the traveling.

FYI

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=012

-----  
Date: Mon, 9 Jun 1997 07:36:35 -0600  
From: Brad Mugleston <bmug@gw1.com>  
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>  
Cc: "'bill@techline.com'" <bill@techline.com>  
Subject: [21083] FD 97 QRP Clubs - new  
Message-ID: <01BC74A7.DC881EC0@pps-pc10.gw1.com>  
Content-Type: text

DON'T FORGET YOUR NOVICE/TECH STATIONS!!!!

The Colorado QRP Club WILL have a fully staffed N/T+ Station on for all of Field Day. We will be down the hill from the big boys but still in the fun. We will be on ALL N/T+ bands near the QRP frequencies. If you want to have a great time, and make sure Santa remembers you this December get onto the N/T+ Freq's and make a N/T+ contact.

Remember there will be some people there who have just passed their 5 wpm exams and some who are trying to build their speed up to pass the 5wpm exam so give them a shot, use your straight key and match their speed.

The call for the N/T+ station with the CQC will be KB0ROL so keep a watch out for it.

de KB0ROL, Brad

-----  
Date: Sun, 8 Jun 1997 00:40:02 +0200  
From: Rogerio Gonzaga <gonzaga@med.up.pt>  
To: qrp-1@Lehigh.EDU  
Cc: gqrp-1@blacksheep.org  
Subject: [21084] WANTED HW POWER SUPPLY  
Message-ID: <199706072240.AAA09107@mail.med.up.pt>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi, folks,

If anyone has a Heath power supply matching my HW-9 and does not need it please email me with the information of the price wanted, h&p to Portugal included.

Tks es best 72 de Roger, CT1ETT

Rogerio A. F. Gonzaga, MD, PhD  
Surgical Professor at the Faculdade de Medicina do Porto - Portugal  
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK

Radio Amateur CT1ETT                    QTH Loc IN51re  
G-QRP Club # 8673   ISWL # CT-20574                    QRP-L #516                    NorCal QRP Club # 2130

-----  
Date: Mon, 09 Jun 1997 09:21:51 -0500 (CDT)  
From: "Jeff M. Gold" <JMG@tntech.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [21085] Tick-2  
Message-ID: <01IJV3PF2P4I8WW7EQ@tntech.edu>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; CHARSET=US-ASCII

Has anyone put a Tick 2 into either the GM20 or the OHR100?

If so .. can you make the hook up instructions available?

thanks

73

Jeff, AC4HF

-----  
Date: Mon, 09 Jun 1997 11:01:19 -0400  
From: Daniel Puckett <dpuckett@erinet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [21086] Re: 38s audio  
Message-ID: <339C1ABF.4C95@erinet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

KB8OCC wrote:

>  
> Just a comment on 38s audio...I never did get two peaks even after reducing  
> from 20 to 17 windings... <SNIP>  
> David, kb8occ (try jumpering R24-it worked great in my rig)

Hi David,

I'm wondering if you tried adding a turn or two to the coil. It's just  
as  
possible the original winding had too low of impedance. I've seen  
remove  
a turn advised so often and adding one almost not at all. We almost  
seem  
programmed to think about only one possibility.

Just curious,

Dan WD8AAU

-----  
Date: Mon, 09 Jun 1997 11:11:09 -0400  
From: NO OTHER THAN <mitch96@idt.net>  
To: qrp-1@Lehigh.EDU  
Subject: [21087] anodizing vs powder coating  
Message-ID: <339C1D0D.1E6A@mail.idt.net>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

hi gang,  
question, what is the difference between anodizing and powder coating.  
is it the same process?? if not how does it differ. can you do it at  
home? if not what is the price difference??  
questions, questions, questions..  
inquiring minds want to know.....  
thats why i love this group. answers, answers, answers.  
mitch,n4jbw..

-----  
Date: Mon, 09 Jun 1997 09:10:26 -0600  
From: Larry East <w1hue@amsat.org>  
To: capp@web.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [21088] RE: TT 509 IF Filter  
Message-ID: <2.2.16.19970609151026.26278c70@eloi>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>  
>I recently acquired an Argonaut 509. In the schematic, I noticed that the  
>RX IF signal is picked off before the filter rather than after it. Has  
>anyone had any experience with modifying the rig so the the filter is  
>included in the RX chain? What about using other filters (e.g. KVG)? Success?  
>  
The IF filter is DEFINITELY in the RX chain. I don't have the schematic  
available at the moment, but I believe that the TX signal passes thru the  
filter in one direction and RX passes thru in the opposite direction...

72, Larry W1HUE/7

-----  
Date: Mon, 9 Jun 1997 11:12:41 -0400 (EDT)  
From: penc@elan.mrwo.mcgill.ca  
To: qrp-1@Lehigh.EDU  
Subject: [21089] unsubscribing, thanks  
Message-ID: <Pine.3.89.9706091134.B21995-01000000@elan.mrwo.mcgill.ca>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII



Thanks for the info on unsubscribing (unfortunately my instructions were packed away with all my computer equipment for our impending move).

Many thanks for the BW.

72,  
Rich WK2A

-----  
Date: Mon, 09 Jun 97 11:38:06 -0700  
From: ptaber@microtest.com  
To: <qrp-1@Lehigh.EDU>  
Subject: [21090] Re[2]:Anodizing Aluminum  
Message-ID: <9706098658.AA865870576@microtest.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

>Better to use crinkle paint or a Krylon finish. It is a lot easier and  
>less messy.

..and don't forget, you can always load your badger up with Wayne Green.

>>>==>PStJTT

-----  
Date: Mon, 9 Jun 1997 08:57:25 -0700  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
To: <mitch96@idt.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [21091] Re: anodizing vs powder coating  
Message-ID: <199706091600.LAA23103@multi13.netcomi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

I'm not an expert in this field, so please correct me if there are errors in the following:

Anodizing is a process which forms a hard oxide layer on the surface of the aluminum.

Powder coating is a painting process that goes something like this:

Chemically etch the aluminum surface.

Anodize the aluminum with a conductive process.

Connect the aluminum piece to a high voltage electrical source in order to attract oppositely charged fine particles of enamel paint.

Bake the piece at very high temperature to melt the particles together.

The result is similar to a ceramic glaze. It looks just like any other paint job, but the paint coat is extremely hard and difficult to crack. We use it for hard-duty industrial equipment.

You may be able to do this at home if your toy budget is in the seven figures, and you don't mind filling out a lot of EPA paperwork to pursue your hobby.

Mike K1MG

-----  
> From: NO OTHER THAN <mitch96@idt.net>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Subject: anodizing vs powder coating  
> Date: Monday, June 09, 1997 8:11 AM  
>  
> hi gang,  
> question, what is the difference between anodizing and powder coating.  
> is it the same process?? if not how does it differ. can you do it at  
> home? if not what is the price difference??  
> questions, questions, questions..  
> inquiring minds want to know.....  
> thats why i love this group. answers, answers, answers.  
> mitch,n4jbw..

-----  
Date: Mon, 09 Jun 97 12:18:37 -0700  
From: ptaber@microtest.com  
To: <qrp-1@Lehigh.EDU>  
Subject: [21092] Re[2]: anodizing vs powder coating  
Message-ID: <9706098658.AA865873279@microtest.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

>You may be able to do this at home if your toy budget is in the seven  
>figures, and you don't mind filling out a lot of EPA paperwork to pursue  
>your hobby.

Is this one of the cases where you have to check the box on the FCC form 610  
that says granting your license will have an environmental impact? (because  
you're going to paint your new transmitter?)

>>>==>PStJTT (KC1TD)

-----  
Date: Mon, 9 Jun 1997 16:00:05 GMT  
From: k8cv@juno.com (Walt D Amos)  
To: qrp-1@Lehigh.EDU  
Subject: [21093] lottery  
Message-ID: <19970609.165203.9302.2.k8cv@juno.com>

Hi Gang .....in a squeaky teen age voice.....

Now that this name in the hat thing is going so well.....

What we need now is .....

you send \$10 bucks to get in the hat.....HEY NO REFUNDS.....

You want to play, you got to pay !!

Love those lottery odds..... :-))

That sure will take care of selling things here..... !!

Walt K8CV

We're just a small sub-group of an eclectic corner of a dying hobby.....

-----  
Date: Mon, 9 Jun 1997 17:59:00 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: edson@lisco.com  
Cc: qrp-1@Lehigh.EDU

Subject: [21094] Re: [21027] Re: Book - Build Your Own Intelligent Amateur Radio Transceiver

Message-ID: <199706091659.RAA01374@chuck.dallas.sgi.com>

Barnes & Nobel have an email address of service@bnonline.com

FYI

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=012

-----  
Date: Mon, 9 Jun 1997 18:01:43 +0100

From: adams@chuck.dallas.sgi.com (Chuck Adams)

To: camqrp@cyberg8t.com

Cc: qrp-1@Lehigh.EDU

Subject: [21095] Re: Milliwatt Field Day

Message-ID: <199706091701.SAA01391@chuck.dallas.sgi.com>

Cam et.al.,

As an additional comment. I will personally bring back the MilliWatt FD Trophy concept. I'll let Cam pick the winner from the logs that he gets for stations running under 1W, i.e. a milliwatter, and I will sponsor a trophy for FD MilliWatt Award.

Look for the winner to be announced in the Quarterly at a later date.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=012

-----  
Date: Mon, 9 Jun 1997 11:01:32 +0000

From: "Marshall Emm" <mgemm@mtechnologies.com>

To: qrp-1@Lehigh.EDU

Cc: CQC Board <aa0xi@mtechnologies.com>

Subject: [21096] Vanity Callsign Application

Message-ID: <199706091703.LAA25599@lynx.csn.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

I had a little problem with an interactive FCC FORM 610V (completed via their web site at <http://www.fcc.gov>). Actually, I don't know yet whether it was a little problem or a fatal error-- maybe they'll let me know since I've e-mailed and faxed them a correction.

When you fill in your address, WATCH what you're doing. I'm so used to typing my address into fields that I just typed Aurora, TAB, CO, TAB, Zipcode. Well, guess what! The STATE field is a list box, so when I typed the C in CO it went to CA and when I typed the O it went to Ohio and when I hit TAB it left OH as the state. Naturally I didn't see that until I read over the confirmation copy of the form.

It's bad form design (it's the ONLY list box on the form, and most people can type two letters faster than they can use the mouse to select from the list), and I have let the FCC's webmeister know that, but thought I'd point it out in case anyone else is considering filing an interactive 610V.

73

Marshall Emm

AA0XI/VK5FN

aa0xi@mtechnologies.com

<http://www.mtechnologies.com/mthome>

-----  
Date: Mon, 9 Jun 1997 13:06:54 -0400 (EDT)  
From: "J. Skalski" <[jkskalski@acsu.buffalo.edu](mailto:jkskalski@acsu.buffalo.edu)>  
To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [21097] Intelligent XCVR  
Message-ID: <[Pine.GS0.3.96.970609125922.1579A-1000000@hercules.acsu.buffalo.edu](mailto:Pine.GS0.3.96.970609125922.1579A-1000000@hercules.acsu.buffalo.edu)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

The local "Borders" store said 4-6 weeks....Online B&N said they will ship today.

Dear James:

Thank you for shopping at [barnesandnoble.com](http://barnesandnoble.com)! We received your order on Jun 09, 1997 08:20 EDT, along with your request to complete your order by phone.

If you live in the United States or Canada, please contact our Customer Service Center at 800-668-7053 and a representative will be happy to complete your order.

Your order will be held for 24 hours.

Please disregard this message if you have already notified us with this information. For your convenience, we have listed your order information below.

You ordered:

| TITLE                                   | QTY | PRICE    |
|-----------------------------------------|-----|----------|
| -----                                   | --- | -----    |
| Build Your Own Intelligent Amateur Radi | 1   | \$ 23.96 |
|                                         |     | -----    |
| Subtotal                                |     | \$ 23.96 |
| Sales Tax                               |     | \$ 2.23  |
| Shipping                                |     | \$ 3.95  |
|                                         |     | -----    |
| Total                                   |     | \$ 30.14 |

-----  
Date: Mon, 09 Jun 1997 17:10:12 GMT  
From: mdwatt@usit.net (Marty Watt)  
To: k8cv@juno.com, qrp-1@Lehigh.EDU  
Subject: [21098] Re: lottery  
Message-ID: <339c383b.166786634@smtp.usit.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Mon, 9 Jun 1997 16:00:05 GMT, k8cv@juno.com (Walt D Amos) wrote:

>Hi Gang .....in a squeaky teen age voice.....  
>  
>Now that this name in the hat thing is going so well.....  
>  
>What we need now is .....  
>  
>you send \$10 bucks to get in the hat.....HEY NO REFUNDS.....  
>  
>You want to play, you got to pay !!

>  
>Love those lottery odds..... :-))  
>  
>That sure will take care of selling things here..... !!

Wonder if I could get 30 people interested in a chance on my  
Argonaut 556 at \$25 per ticket?

:)

The odds would be much, much better than \$25 worth of lottery  
tickets ...

72 es 73 de=20  
Marty, KM7W

-----  
Jackson, Tennessee e-mail: mdwatt@usit.net  
http://www.public.usit.net/mdwatt  
"The Curmudgeon's Corner"  
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq  
~~~~~

Date: Mon, 09 Jun 1997 10:23:10 -0700
From: Richard Wilkerson <richqrp@cts.com>
To: qrp-l@Lehigh.EDU
Subject: [21099] renewal
Message-ID: <339C3BFE.326@cts.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The last time I renewed my license we had a FCC Office, now we don't.
How long before your renewal date can you send in your 610 form???

--

72's..... rich
Rich Wilkerson, WD6FDD, Santee, Ca.
NorCal, ARCI, ScQRPions, E.C.R.A.

Date: Mon, 9 Jun 97 07:29:18 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-l@Lehigh.EDU
Subject: [21100] lye and aluminum

Message-ID: <9706091729.AA10839@krypton.nmr.Hawaii.Edu>

This may sound strange, but sodium hydroxide, lye, and aluminum do generate hydrogen gas. Very well, actually. Lye attacks aluminum through a chemical reaction that generates a fluffy product called aluminum hydroxide, which unlike the usual protective aluminum oxide is not tightly bound to the aluminum. Thus aluminum in a strong lye solution can demonstrate its true highly reactive nature.

Normally one thinks of a reaction like acid and zinc to make hydrogen gas. But aluminum is unique because of its strong protective oxide, which unlike rust which swells as it forms and is not well attached to iron, is very strongly attached in a tight layer. The aluminum hydroxide, however, is very different and does not protect the aluminum as it forms.

A significant amount of aluminum in strong lye solution can generate quite a bit of hydrogen gas, which in concentrations of more than 4% in air are either explosive or flammable.

Date: Mon, 9 Jun 1997 10:35:00 -0500
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: qrp-l@Lehigh.EDU (Receipt Notification Requested)
Subject: [21101] Download from archive
Message-ID: <M1938990.002.is0g2.1.970609174554Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Can someone help me with the correct syntax?

I'm trying to download the QRP-L digest from yesterday. I inadvertently deleted it while trying to copy it to another drive.

I thought the statement was as below, but Lehigh says there is something wrong, without being specific enough that I can correct it myself.

GET qrp-l:archive/digest/970609

Thanks and 72,
Bob N6WG

Date: Mon, 9 Jun 1997 09:07:16 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: whalen@swcp.com
Cc: qrp-l@Lehigh.EDU
Subject: [21102] Re: HW-7,8,and 9 costs?
Message-ID: <19970609.110630.9862.0.gsurrency@juno.com>

Model Year Price

HW-7 72-75 \$79.95
HW-8 76-83 \$139.95
HW-9 84-91 \$249.95 (less band pack for WARC bands)

This info from the book by Chuck Penson, "HeathKit, A Guide to the Amateur Radio Products". copyright 1995, by Electric Radio Press.

Gary Surrency AB7MY
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

On Sun, 8 Jun 1997 21:39:11 -0600 (MDT) "Thomas J. Whalen"
<whalen@swcp.com> writes:
>How much did each of the above Heath rigs cost new? 72, Tom WB5QYT
>
>

Date: Mon, 9 Jun 1997 14:58:51 -0400
From: "Heron, George" <G.Heron@dialogic.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [21103] WTB: DSP boards for ham projects?
Message-ID:
<c=US%a=_%p=Dialogic%l=EXCHANGE1NJ-970609185851Z-11435@exchange1nj.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

1) Does anyone have the DSP-based project board from the W9GR article several years ago entitled: "Low-Cost Digital Signal Processing for the Radio Amateur" (QST Sept '92)? Looking to revitalize this TMS320C10 project in a couple of new directions. Anybody want to sell it if it's gathering dust??

2) Does anyone have one of the DSP-based sound cards that were featured several years ago for putting RTTY/modem algorithms in them? Specifically, looking for the Cardinal Pro 16+, Western Digital 16-DSP,

Orchid Soundwave 32, Echo Personal Sound System, Wearnes Beethoven ADSP16, Western Digital Paradise 16-DSP or Adaptec AME-1570. These boards contained a "PSA" chip set from Analog Devices and were featured in a series of articles by Johan Forrer KC7WW several years ago. Likewise, anybody want to sell one of these ifit's also gathering dust?

These will be used in developing/evolving a series of related DSP-based projects:

- phase processing the R2T2,
- a flexible audio filter for CW, and
- a stand-alone CCW DSP processor.

If interested, you can take a look at the project outlines on my web page: <http://www.waterw.com/~n2apb> and these will soon make it into the NJQRP "project" pages.

Thanks in advance for any pointers to the referenced boards.

72,
--George N2APB
g.heron@dialogic.com
<http://www.njqrp.org>

Date: Mon, 9 Jun 1997 15:01:24 -0400 (EDT)
From: DYARNES@aol.com
To: mdwatt@usit.net, qrp-l@Lehigh.EDU
Subject: [21104] Re: lottery
Message-ID: <970609145816_911696381@emout09.mail.aol.com>

THIS IS ABSOLUTELY ILLEGAL AND HAS NO PLACE ON QRP-L (OR ANY OTHER WEBSITE FOR THAT MATTER)!

72 de David W7AQK

Date: Mon, 09 Jun 1997 19:54:52 GMT
From: mdwatt@usit.net (Marty Watt)
To: qrp-l@Lehigh.EDU
Subject: [21105] Re: lottery
Message-ID: <339c5f43.176780380@smtp.usit.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: quoted-printable

On Mon, 09 Jun 1997 17:10:12 GMT, mdwatt@usit.net (Marty Watt)
wrote:

>Wonder if I could get 30 people interested in a chance on my
>Argonaut 556 at \$25 per ticket?
>
>:)
>
>The odds would be much, much better than \$25 worth of lottery
>tickets ...

Before anybody takes me seriously, lotteries of any type are
prohibited under the Tennessee State Constitution. I won't be doing
this ... too much to risk.

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~

-----  
Date: Mon, 09 Jun 1997 15:57:26 EDT  
From: "Bowes, Fr. Bruce" <GBB1@MARISTB.MARIST.EDU>  
To: <qrp-l@Lehigh.EDU>  
Subject: [21106] Phoenix Crystals anyone?  
Message-ID: <09JUN97.17233986.0024.MUSIC@MARISTB.MARIST.EDU>

I tried twice to send e-mail to the new address only to have the mail  
returned. Does anyone have any idea of what is happening.  
Thanks  
Fr Bowes

-----  
Date: Mon, 9 Jun 1997 13:24:00 -0500  
From: Bob Tellefsen-CNSE97 <Bob\_Tellefsen-CNSE97@email.mot.com>  
To: ham@w3eax.umd.edu (Receipt Notification Requested), qrp-l@Lehigh.EDU (Receipt  
Notification Requested)

Subject: [21107] Ignition noise  
Message-ID: <M1939227.001.j0ld0.1.970609205112Z.CC-MAIL\*/OU=LMPCC4/OU=ILBB/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Scott:

I went through a similar exercise with a 1990 Ford Taurus wagon.

The source I found most effective in shielding was the distributor. At the time I used aluminum foil, and it did the job for me. Has to be grounded, of course.

What the heck, it's a cheap experiment.

In my later Taurus wagons, Ford recessed the distributor into a well in the valve cover, and there is little to no ignition noise. I couldn't see any other obvious changes, so I'm assuming that was the big difference.

73, Bob N6WG

-----  
Date: Mon, 9 Jun 1997 13:38:00 -0500  
From: Bob Tellefsen-CNSE97 <Bob\_Tellefsen-CNSE97@email.mot.com>  
To: n4js@pobox.com (Receipt Notification Requested), qrp-l@Lehigh.EDU (Receipt Notification Requested)  
Subject: [21108] HW-8 problems  
Message-ID: <M1939228.002.j0ld1.1.970609205113Z.CC-MAIL\*/OU=LMPCC4/OU=ILBB/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

John:

Go to the QRP-L archives, and download the articles on the HW-8 and aging of its toroids. I think the author is WA8MCQ, but I couldn't swear to it.

73, Bob N6WG

-----  
Date: Mon, 09 Jun 1997 17:41:34 -0300  
From: Dave Marling <dbm@klis.com>  
To: qrp-l@Lehigh.EDU  
Subject: [21109] Iambic modes A and B  
Message-ID: <2.2.32.19970609204134.006bff80@klis.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have been looking at the various miniature iambic keyers that are currently available and see most of them seem to be of the Mode B variety.

Does anyone have any comments on how easy (or difficult) it is to switch to a B after learning on the A version?

Also, does anyone know if the Island Keyer is available in a switchable A or B mode like the Tick-1 or -2? Failing that, does anyone have the developer's e-mail address so that I can ask direct?

Thanks,  
Dave  
VE1VQ  
dbm@klis.com

Understand the problem before you attempt the solution.

-----  
Date: Mon, 9 Jun 1997 17:42:18 -0400  
From: sarraf@thermacore.com  
To: qrp-l@listserv.lehigh.edu  
Subject: [21110] QEX  
Message-ID: <852564B1.00762D93.00@tci-nt01.thermacore.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Several messages on the list talked about the demise of QEX. They may be only partially correct. According to Kathy Capodicasa, N1GZ0, of the ARRL Circulation Department, circulation will stop soon, but the stoppage is only temporarily with hopes to resume soon. I can see firsthand that they have problems; my December issue showed up in April or May.

Dave Sarraf  
N3NDJ  
Elizabethtown, PA

-----  
Date: Mon, 09 Jun 1997 17:31:59 +0000  
From: Greg Emerson <gregemmy@lni.net>  
To: qrp-l@Lehigh.EDU  
Subject: [21111] QRP-L number?  
Message-ID: <339C3E0F.546F@lni.net>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

>Is it possible to retain the qrp-l number  
>(think mine is 399) to take to a new location?

You mean I get a number when I join QRP-L? How do I know what it is?

Greg WG8N

Mailto:gregemmy@lni.net

My Home Page <http://www.lni.net/~gregemmy/>

Woodstock Twp. PD's Home Page <http://www.geocities.com/CapitolHill/4276/>

-----  
Date: Mon, 09 Jun 1997 17:32:39 -0400 (EDT)  
From: n4js@amsat.org  
To: Bob\_Tellefsen-CNSE97@email.mot.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [21112] RE: HW-8 problems  
Message-ID: <XFMail.970609173341.n4js@amsat.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 8bit  
MIME-Version: 1.0

On 09-Jun-97 Bob Tellefsen-CNSE97 expounded:

>John:  
>Go to the QRP-L archives, and download the articles on the HW-8 and aging of  
>its  
>toroids. I think the author is WA8MCQ, but I couldn't swear to it.  
>73, Bob N6WG

Thanks Bob, and all. I never would have guessed that was the problem. I got the  
article, and ordered the cores :-)

Sent at 17:33:41 on 09-Jun-97

|                         |                |                |
|-------------------------|----------------|----------------|
| John L. Sielke          | n4js@amsat.org | n4js@pobox.com |
| n4js@n4js.ampr.org      | NJ Grid:FM29LN |                |
| http://www.qsl.net/n4js | NJ-QRP #57     | QRP-L #884     |
| QRP-ARCI #9328          | CQC #443       | CQrp #50       |

NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243  
WIMPS Qs=025 30m=22 17m=3 12m=0 States=08/02/00 Countries=12/02/00

-----  
Date: Mon, 09 Jun 1997 16:42:31 -0500  
From: "J.B. Fox" <w5hir@mail.phoenix.net>  
To: qrp-1@Lehigh.EDU  
Subject: [21113] 38Special Mods  
Message-ID: <199706092152.QAA30831@raid2.fddi.phoenix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi gang-- Gotta problem. I have finished all of the other projects I had embarked on, and now am beginning to start putting the 38 Special together.

Over the months, since I had ordered and received my 38S, I have been religeously copying all of the various "Mods" for everything; the "Thump" problem, the poor output problem, this and that. Now I'M CONFUSED. Do I follow the manual or not? I am aware of the parts that I am not supposed to put in because I'll just to turn around and take them out again, but WOW!, I believe that there were a couple of true errors in the manual. True or not??

I was under the impression that the 38S had been bench tested and everything worked as advertized. Was that incorrect?

Help me make some order out of all this chaos..

regards,

Foxy w5hir@mail.phoenix.net

-----  
Date: Mon, 9 Jun 1997 22:42:38 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-1@Lehigh.EDU  
Subject: [21114] QRP-L Numbers  
Message-ID: <199706092142.WAA02673@chuck.dallas.sgi.com>

Gang,

The numbers are not issued automatically. You have to send email to

LISTSERV@LEHIGH.EDU

in body of message put

RUN QRP-L X GETNR callsign

You will get email back showing your number. This number is for life, whether you continue to subscribe or not. If you leave and then come back, you still have the same number.

So easy. If your call changes, let Jim or I know and we'll fix it. No need to take up two slots.

Hope this helps.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=012

-----  
Date: Mon, 9 Jun 1997 14:52:45 -0700 (MST)  
From: Bob Hightower <ki7mn@dancris.com>  
To: dolsonj@ix.netcom.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [21115] Re: QRP Contest Rules are Messed Up - Food for Thought  
Message-ID: <199706092152.0AA24429@dancris.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 08:43 AM 6/9/97 -0400, you wrote:

>A recent posting for the Milliwatt Field Day contest had the following  
>text about how to score contacts. I'm not picking on them, since every  
>contest I've seen has the same problem with the scoring:

>

>>Points: Same as ARRL rules, ie: Phone contacts count one point each, CW  
>>contacts count 2 points.

>

>(1) Everyone on the list seems to agree that QRP CW contacts are much  
>easier to make than QRP SSB contacts. Why then do you get twice as many  
>points for them?

>

Ans: Probably to promote use of CW on the bands.



>(2) Hardly anyone is on QRP SSB. Virtually all QRP activity is on CW.  
>You give more points to an activity to encourage that activity  
>(satellite, message traffic, battery power, not setting up antennas  
>before the contest, etc).

>

Ans: See Above

>Come on guys, we don't have to encourage \*any\* QRP'ers to do CW. Let's  
>encourage the use of an under-used mode by changing the point  
>structure. At the very least, don't \*punish\* the guy that wants to do  
>SSB by giving him fewer points. It may make sense in a 'normal' QRO  
>contest to encourage CW, but is it really necessary in a QRP contest???

>

Comment: Might be a point here, but most qrp rigs don't do SSB. Neither do  
most qrp'ers. Not a social comment, but a fact, as it is easier to make a cw  
contact than an SSB contact, those more use of CW on qrp than SSB.

>Finally, some people just don't like CW. Maybe if the amateur community  
>knew that QRP does not necessarily equate to CW, we might get a few more  
>QRPer's.

>

Comment: Perhaps you're right. My xyl (and I) hated cw. Now that we've  
gotten into it, we love it. She briefly mentioned using SSB during FD on the  
N/T station only to get some of the other xyl's involved, who don't have any  
code at all.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP  
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=18 30=18 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=5

-----  
Date: Mon, 9 Jun 1997 14:57:03 -0700 (MST)  
From: Bob Hightower <ki7mn@dancris.com>  
To: bmug@gwl.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [21116] Re: FD 97 QRP Clubs - new  
Message-ID: <199706092157.0AA24766@dancris.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 07:36 AM 6/9/97 -0600, you wrote:

>DON'T FORGET YOUR NOVICE/TECH STATIONS!!!!

>

>The Colorado QRP Club WILL have a fully staffed N/T+ Station on for all of  
>Field Day. We will be down the hill from the big boys but still in the  
>fun. We will be on ALL N/T+ bands near the QRP frequencies. If you want  
>to have a great time, and make sure Santa remembers you this December get  
>onto the N/T+ Freq's and make a N/T+ contact.

>

>Remember there will be some people there who have just passed their 5 wpm  
>exams and some who are trying to build their speed up to pass the 5wpm exam  
>so give them a shot, use your straight key and match their speed.

>

>The call for the N/T+ station with the CQC will be KB0ROL so keep a watch  
>out for it.

>

Brad, the Az ScQRPions will have an N/T station using the call N7XJW. Will  
be looking for you, as well.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP  
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=18 30=18 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=5

-----  
Date: Mon, 09 Jun 1997 15:25:18 -0700

From: Ed Loranger <we6w@qsl.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [21117] Field Day Prep.

Message-ID: <339C82CE.678@qsl.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I guess we're all pretty busy getting ready for field day!

I spent all day getting a homebrew vertical built for my  
son Chris, kf6jxb. (16 Yrs old).

We don't have a site yet, but even if it's the backyard,

a tent (Who sleeps?), we'll be working 2B.

Ok, don't have a lot of money, so those old aluminum tubes used in an old sun tarp I damaged in a wind storm a few years back are what I used. Problem was, only a few could nest. Had to figure out a way to couple the poles to get the 33 or so foot height. Then guy the thing.

Ended up cutting a bunch of 6-1/2 inch sections from one of the larger tubes. Hacksawed completely across the axis vertically of each 6-1/2 section. Then compressed one of the edges underneath to form what looked like a rolled up newspaper. (But not tight!) Was able to hand-compress and easily slide into an end of each section. It all goes together nicely (And comes apart easily too!)

Guyed the thing with braided twine about 2/3 the way up (22 FT).

Wound the three sections of twine around 7 inch pvc forms. The twine was about 50 feet each leg.

Setup (One person, really!) Asked everyone to help....  
But its the little red hen' (Who will help me plant the wheat? Tend?, Harvest, Thresh.....

Wait til my boy asks for help to put the thing up, hi!

Drilled a hole in a 2x4 for the stake at the base. Larger hole around this to sink the mast into. Laid the 2/3 length at different 120 deg. angles and set the 3 guying stakes. To get the proper guying length: Lay 2/3 of the pole from center to the stake. Walk from stake, to center and almost 1/2 way back. Hold string tightly and wrap about 15 turns around the stake. Repeat remaining 2 legs.

Raising the vertical: Pushed up a manageable section and with 2 6foot section very close, inserted each section in order. This was very easy, since The last section pushes up and the three lines were nearly dead on. I made the rounds to each of the stakes and readjusted the line if necessary. +/- 6 inches in this instance.

Base Secured: 2 foot broom handle pounded into the hole drilled in the 2x4. Base carefully lifted over (Should of done this before tightening the guy lines, hi.) Re-adjusted guy tension.

The kicker: Nice 1 watt qso to UTAH, very strong.

Results: Nice on-person installation of a 33 foot aluminum mast vertical.

BTW: Had a great qso with Albany, NY the other nite. Me with my other 33 ft. vertical and him with a 3 el yagi and 50Watts. I was running 3.5Watts.

Well, just have to Guy my other vertical and we're set. (And find a 12 volt light I needed to copy in the dark with the HW-8!)

-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)  
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.  
QRP-L#1068/Norcal#???/ARCI#???  
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

-----  
Date: Mon, 9 Jun 1997 16:04:37 -0600  
From: "Bob Follett" <bfollett@ditell.com>  
To: "QRP-L Group" <qrp-l@Lehigh.EDU>  
Subject: [21118] RE QRP SSB Contest Difficulty  
Message-ID: <199706092226.QAA31569@mars.ditell.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Gang:

Jim wrote:

<<(1) Everyone on the list seems to agree that QRP CW contacts are much easier to make than QRP SSB contacts. Why then do you get twice as many points for them?

(2) Hardly anyone is on QRP SSB. Virtually all QRP activity is on CW. You give more points to an activity to encourage that activity (satellite, message traffic, battery power, not setting up antennas before the contest, etc).>>

While most of us concur that QRP SSB activity is probably not worth it in QRP contests, Field Day is different.

Lots of folk in the field with wire antennas running 100 watts or less make QRP successful in this test.

Last year, with just a vertical, I worked 155 stations with a QRP+ in one afternoon of operating.

If you want to try QRP SSB, this is the event to give it a try, in my opinion.

73, Bob -- Normally CW minded/right brained

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Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS  
2861 Estates Dr. VOICE: 801.649.6457  
Park City, UT 84060 E-mail: bfollett@ditell.com

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Date: Mon, 9 Jun 1997 15:28:13 -0700 (MST)  
From: "Mark E. Monninger" <markem@primenet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [21119] 38S For Sale  
Message-ID: <Pine.BSI.3.95.970609151338.12065B-1000000@usr05.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Greetings all...

I have an assembled 38S that I'm not using and rather than have it sit around and collect dust, I'm offering it for sale. It's assembled and mounted in a case, probably a lot larger than it has to be. It has the 5W mod and the tick installed but no RIT. It seems to work OK but I haven't QSO'ed with it. I have not checked the output on a scope. It comes with the (in)famous thump at no extra cost. I used an S0-239 and 1/4" jacks for key and phones because all my other stuff matches that. The worst part of it is the power connector...I had originally installed one of the RS molex connectors but I kinda botched the job so there's an ugly rectangular hole on the rear panel with just a couple wires hanging out for the power. So, look at it as a mostly assembled kit with still lots of tweaking and experimenting left in it. All the smoke is still there, too, none has been let out. Power out is about 4W on my OHR meter. Manual included. All for \$40 shipped, which is probably less than I have in it.

Email if interested.

73... Mark AA7TA markem@primenet.com

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Date: Mon, 9 Jun 1997 15:06:00 -0500  
From: Bob Tellefsen-CNSE97 <Bob\_Tellefsen-CNSE97@email.mot.com>  
To: qrp-1@Lehigh.EDU (Receipt Notification Requested)  
Subject: [21120] SUMMARY 24 hr Clock Survey (Longer than Planned)  
Message-ID: <M1939447.001.j4fg0.1.970609221403Z.CC-MAIL\*/OU=LMPCC4/OU=ILBB/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

#### SUMMARY OF 24 HR CLOCK SURVEY

I'll list each clock that was mentioned and any comments regarding it.

Unnamed LCD clock, about 7" wide and 3" high. Runs on one "C" battery. Keeps pretty decent time. Pricey, around \$50. From ad in back of QST.  
>From Dave, N0UVR

Norelco TCL-20. 24 hour travel alarm clock. 3/8" high LCD digits, runs on a little button-cell battery. Folds up like clam shell.  
>From Tom. WA3REY

Clock driven by WWVB, from ad in CQ. Price \$100-\$150.  
>From Neil Hecht at AADE

Casio DQ-712. 1" high digits, runs on 2 AA batteries. Purchased in Spain. Not known if available in USA. Price about \$15.  
>From Chuck, K5FO

Garmin 45XL GPS receiver. Also displays Maidenhead grid location. Extremely accurate, can run on 12v. Display is small, but so is unit. Expensive, but less expensive GPS units coming along.  
>From Bill, W1PA

Oregon Scientific clock, no model number. Was peddled widely through Heartland. Now out of stock, and unknown whether will get more. Digits were 1/2", used 2 AA batteries, kept good time, and was inexpensive, around \$15.  
>From Bob, KE4QOK; Gary, AB7MY; Daniel, W3DW; Bob, K6AEC; and E, KF4KRV

Item 956009 from Brainstorms. May be the Oregon Scientific clock sold through Heartland. Called the Transparent Calendar Clock, sells for about \$15.  
>From Phil, KB0ZGK

The Oregon Scientific clock may still be in stock at Fry's. Seen there recently.  
>From Elliott, WA6TLA

Three models of clock from MFJ. You should be able to find info on them in MFJ ads:  
Round analog wall clock, quartz accurate, runs on AA battery, reasonably priced.

Can be noisy with a clunking sound as the second hand advances. Some slop in the gears of the second hand on some units.

>From Preston, WJ2V; Jim, KK6MC/5; Brad, WB8YGG

MFJ-102 digital clock and later models.

>From Ken, N4SO

MFJ-108B digital, mixed reviews. 3/4" digits, two units side by side in common frame for local and UTC time. Two references liked the unit, two didn't. The negatives were "eats batteries" and "one unit runs fast, the other slow. Replaced under warranty and second unit no better".

>From Ed, KF4KRV; Dan, WA6IRO; Gary, AB7MY; Jim, WA5ASW

Parts America and/or Western Auto have some stick-on clocks for the dash with digits up to 2". Inexpensive.

>From Jerry, NOBWA; Keith, WB2VUO

Three Micronta clocks from Radio Shack:

63-753B, 5/8" green digits, 9v battery backup, implies ac powered.

>From Bill, WJ50

63-761, 24 hr time and calendar, battery operated.

>From Bill, WJ50

63-884 Dual Timer, "large numbers", alarm clock and two countdown timers.

>From Glenn, AE0Q

BlueGlo alarm clock, large digits, 24 hr display, 2 AA batteries. Not clear whether ac or battery powered. Sold by Wal-Mart.

>From Gary, AB7MY

Another Wal-Mart clock called "Health Meter". Essentially a stop watch, 1/4" digits, keeps good time. About \$5.

>From Jim, KK6MC/5

Whiterook has a clock kit, which can be seen on their web page. 6 digit LED display, ac operated.

>From Bob, KI7MN; John at Whiterook

Mike Gipe, K1MG, a NorCal member, will soon offer a kit for a frequency counter/clock to be built into rigs for frequency display (and time). Price will be around \$30.

>From Jim N2GO, Mike K1MG

My own input to this survey regards the MFJ large digit clock, which costs around \$30-\$40. I purchased one at Pacificon and returned it under warranty because it lost about a minute a day. Received a replacement which also didn't keep very good time. Returned it for my money back.

One respondent reported a local dealer would not sell this clock to his wife for a Christmas present, as he knew it didn't keep good time.

I think that this is not so much a reflection on the MFJ product as on the general class of clocks based on a watch circuit with larger LCD display added on. A lot of the comments touched on the need to periodically reset the clock due to drift, one way or the other. All clocks referred to were battery operated.

So, there you have it. The great QRP-L survey on 24 hour clocks available.

Thanks for the inputs. I will check out some of these myself, as I'm still looking. Somewhere out there is "the clock".

73, Bob N6WG

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Date: Mon, 09 Jun 1997 15:36:29 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [21121] Patented Vertical Antenna  
Message-ID: <339C856D.595F@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Was cruising the newgroup news:rec.radio.amateur.antenna and discovered an interesting patent in a related article I was researching.

<http://patent.womplex.ibm.com/>  
Go to the bottom of the page and select 'Patent Number Search'.

Enter 4442436 in the dialog box. Interresting 6 band vertical antenna design. Novel parasitic traps are parallel and some are resonant, with a 15 meter braided antenna stub (Copper tubing optional).

Has all of the construction details, but, everything is spread out. I've marked up my drawing for practical construction values. Should be easy to modify my existing vertical.



-Ed loranger

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72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/Norcal#???/ARCI#????

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

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Date: Mon, 09 Jun 1997 15:45:45 -0700

From: Ed Loranger <we6w@qsl.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [21122] Re: Patented Vertical Antenna

Message-ID: <339C8799.7B11@qsl.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

>

> Was cruising the newgroup news:rec.radio.amateur.antenna

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> I was researching.

>

> <http://patent.womplex.ibm.com/>

> Go to the bottom of the page and select 'Patent Number Search'.

>

> Enter 4442436 in the dialog box. Interesting

> 6 band vertical antenna design. Novel parasitic

> traps are parallel and some are resonant, with a 15 meter

SHOULD READ: 'parallel and some are SERIES resonant'

Ed L.

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/Norcal#???/ARCI#????

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

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Date: Mon, 9 Jun 1997 18:54:56 -0400 (EDT)

From: N4JS <jsielke@pobox.com>

To: qrp-l@Lehigh.EDU

Subject: [21123] SLV and stuff

Message-ID: <Pine.LNX.3.95.970609184751.6787A-100000@jsielke.ppp.cyberenet.net>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well I got the boat set up for my first fishing trip tomorrow. Tuned up the SLV with my trusty RF-1. Tuned fine on 40 and 30 with the long radiator. I tried a 6' radiator for the higher bands, but could only tune it on 20. Unable on 15, and didn't try 17. Maybe have to make it shorter. I ran into a problem with intermittent SWR. Traced it to the ground lug under the bnc connector on the MMA coil. I filed the nut to get off the plating, and soldered the d\*\*\* thing! That did it!

Came home, turned on the OHR400, which has been working great, and no power output! Sidetone is fine, receive is fine, just suddenly the badgers ate all my RF out! I'll have to check that out next rainy day. Let's see, that's new coils for the HW8, fix the OHR400, maybe build my SST, if it comes (hint, hint), and/or the 38 Spl, still have to put the Rainbow tuner in the Altoids tin, need to install my TiCK keyers in the NW80 and the SW160..... Looks like gonna need a LOT of rain! (ONLY KIDDING!!!!)

|                               |                                                               |                |                  |
|-------------------------------|---------------------------------------------------------------|----------------|------------------|
| _ _ _ _ _                     | John L. Sielke                                                | n4js@amsat.org | n4js@pobox.com   |
| \           _     / _ _       | n4js@n4js.ampr.org                                            | NJ Grid:FM29LN |                  |
| . '     _ _         \ _ _ \   | <a href="http://www.qsl.net/n4js">http://www.qsl.net/n4js</a> |                |                  |
| _   \     _   \ _ _ /   _ _ / | NJ-QRP #57                                                    | QRP-L #884     | QRP-ARCI #9328   |
| NE-QRP #507                   | G-QRP #9544                                                   | NorCal #1989   | QCWA FISTS #2781 |

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End of QRP-L Digest 752

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